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winding, the impedance arrangement coupled with each winding being arranged for controlling the value of the current in the respective winding.

--29. The plasma processor of claim 28 wherein the coil includes plural parallel windings, each having a length such that there are no substantial standing wave current variations along the lengths of the windings and further including impedance arrangements respectively coupled with the parallel windings and the impedance arrangement coupled with each winding being arranged for controlling the value of the current in the respective winding.

--30. The plasma processor of claim 28 further including an impedance arrangement coupled with the at least one winding for controlling the value of the current in the at least one winding.--

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